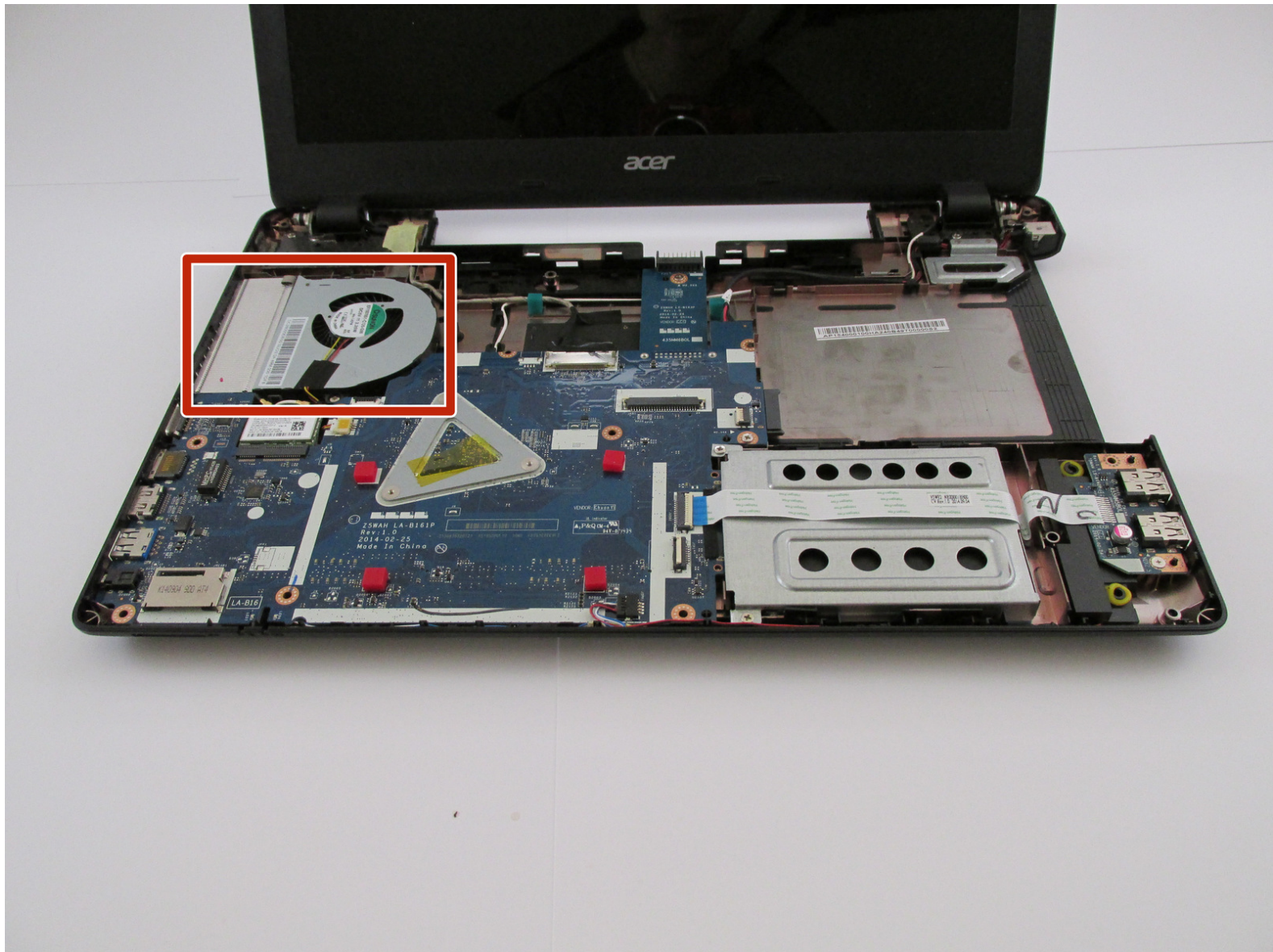




Acer Aspire E5-571 CPU Fan Replacement

Replacement guide for the CPU Fan.

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INTRODUCTION

Is your laptop overheating or staying on for a few minutes and then powering itself down? Your CPU Fan may be to blame. This guide will show you how to replace it.



TOOLS:

- [Metal Spudger](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
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Step 1 — Battery



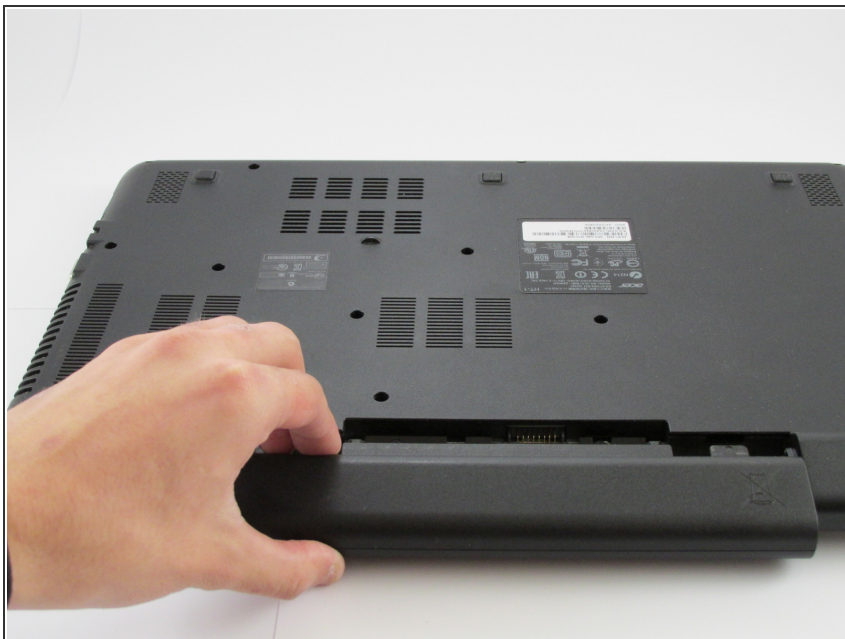
- ⚠ Make sure the laptop is shut down.
- Flip the laptop upside down with the battery facing towards your body and locate the battery lock circled in red.

Step 2



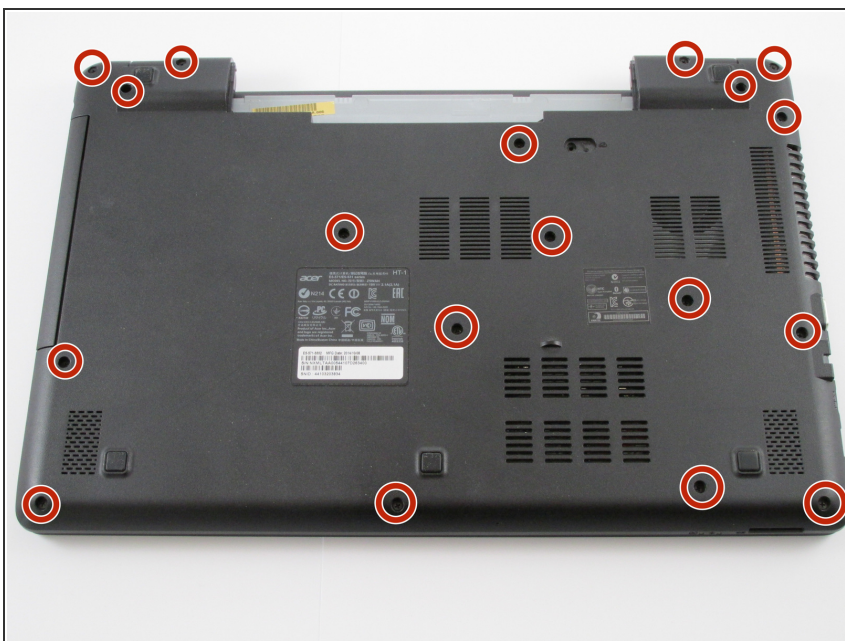
- Use a small screwdriver or pen and place it into the battery lock as shown.
- Gently slide it to the left until you hear the battery release.

Step 3



- Pull the battery towards your body as shown in the picture.

Step 4 — Keyboard



- Remove all eighteen 8 mm Phillips #0 screws with a Phillips #0 screwdriver and set aside.
- ⓘ All of these screws are identical, 8 mm, Phillips #0 screws.

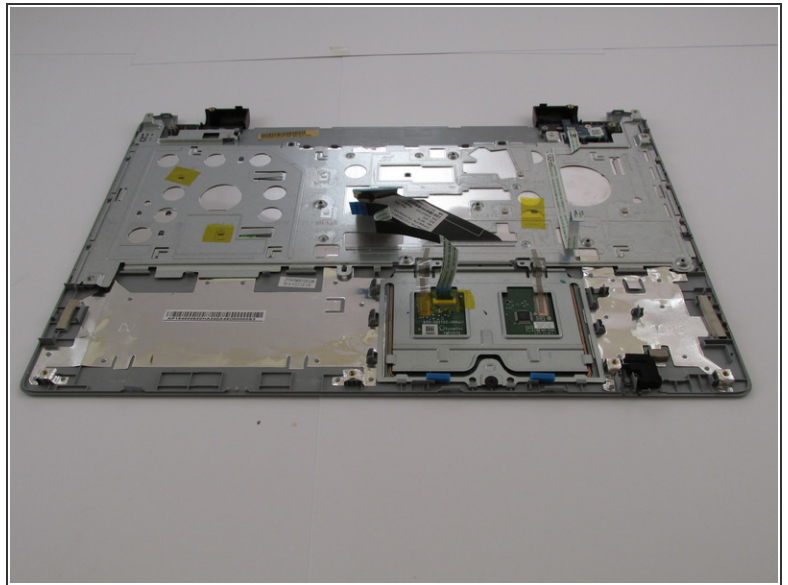
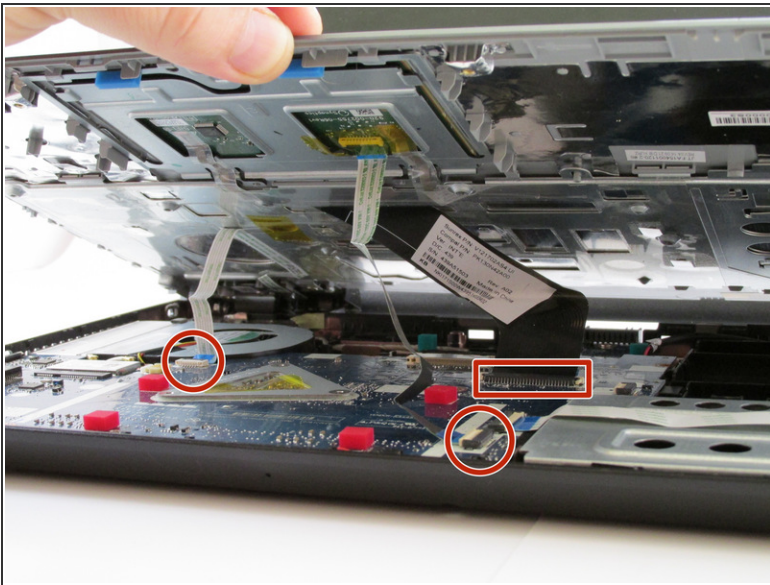
Step 5



- Move around the edge with metal spudger and carefully pry apart the keyboard.

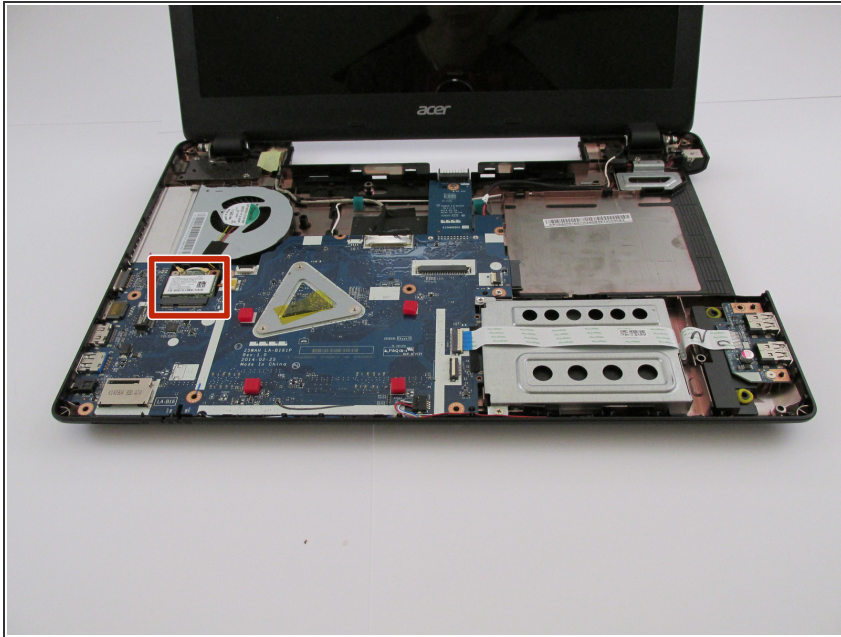
⚠ Once all edges are loose, do not remove the keyboard until after next step!

Step 6



- Carefully detach the three ZIF ribbons connected to the motherboard by flipping up the white hinge.
- Lift up on the keyboard and the whole top should come right off, including the touchpad.

Step 7 — WiFi



- Locate the WiFi card on the motherboard.

Step 8



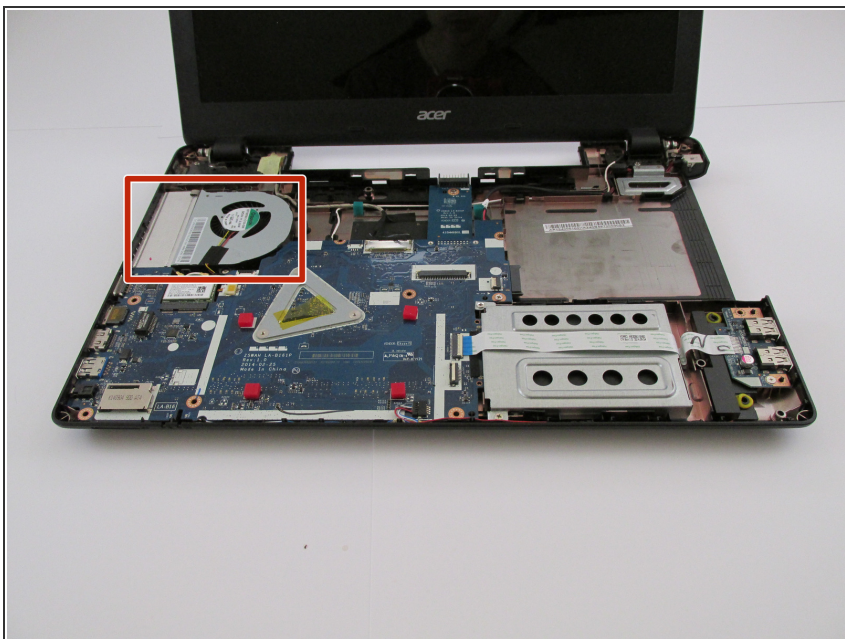
- Locate the two antenna cables shown.
- Using a plastic opening tool, remove both antenna cables from the WiFi card by gently prying them up.
- ⓘ Black on left. White on right.

Step 9



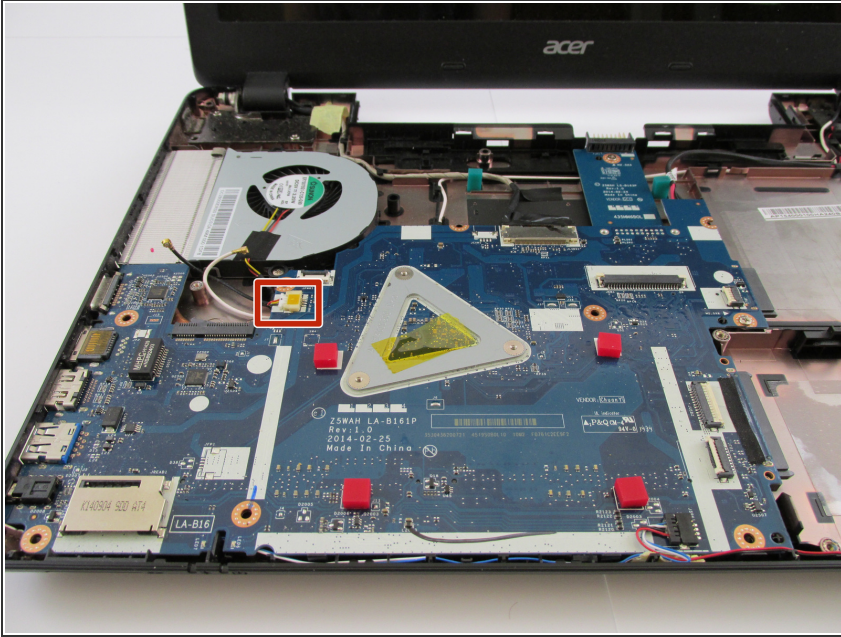
- Remove this 3 mm Phillips #0 screw and the WiFi card should pop up.
- ⚠ Make sure antenna cables are removed before removing the screw.
- Gently lift WiFi card off of the motherboard.

Step 10 — CPU Fan



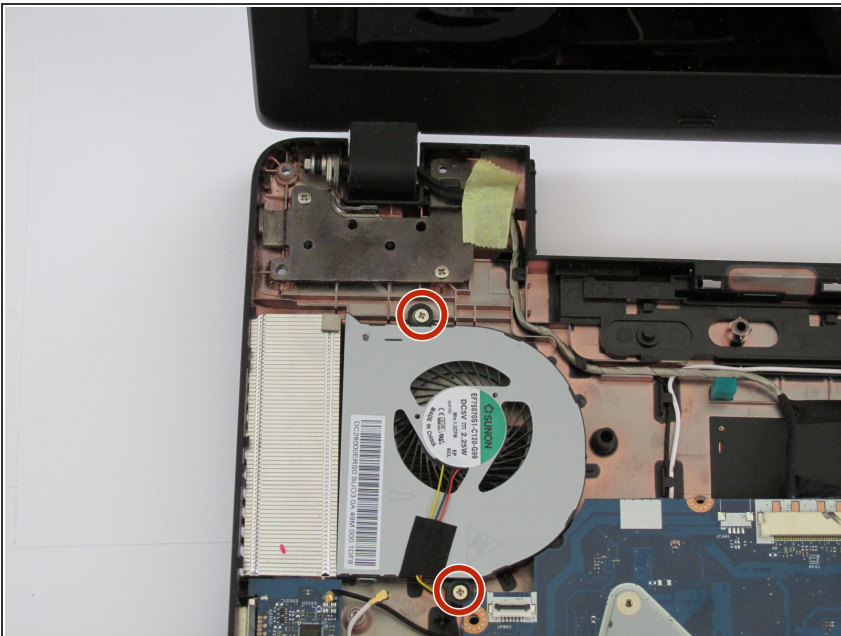
- Locate the CPU Fan in the case right above the motherboard.

Step 11



- Detach the power cable by carefully pulling on it, it will come off easily.

Step 12



- Remove both of these 6 mm Phillips #1 screws which hold the fan onto the case.
- Now carefully lift the fan straight up and out of its place in the case.
- ⓘ The fan should easily come right out with no trouble.

To reassemble your device, follow these instructions in reverse order.

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